**Week 27– Design a Mini Putt Course**

**Grade:** Junior (4-6)

**Unit:** Spatial Sense

**Curriculum Expectations**   
 Identify angles and classify them as right, straight, acute, or obtuse.  
 Use a variety of materials, tools, and techniques to determine solutions to design challenges.  
 **SEL-**Make connections between math and everyday contexts to help them make informed judgements and decisions

**Activity**1) You are the owner of your city’s newest mini putt course and it is up to you to design 3 of its miniature golf course holes.   
2) With each design you must include the path that the ball would travel to get to the hole including its angles.   
3) You can create your course any way you like, some options include online, paper and pencil crayons, or create a 3d version using cardboard!  
4) Your course must contain a 45-degree angle, a 90-degree angle, and a 250-degree angle. In addition, the obstacles in your course must include a circle, an obtuse triangle, a rhombus and a trapezoid.   
5) Finally, when you are done designing your course and labeling the angles of the ball path you will classify the angles as either right, straight, acute, or obtuse in the chart attached below.

**Check for Understanding**   
I can measure angles and identify them as either right, straight, acute, or obtuse.  
I understand the importance of angles in my everyday life.

**Materials**   
Recording chart attached below, pencil, protractor, pencil crayons and paper/access to a computer/cardboard/etc.

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| **Angle Measurement** | **Type of Angle** |
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